

	Types	Hits	Search Text	DBs	Time Stamp	Comments	Errors
1	BR S	37 12 6	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 oriet\$5 tilt\$\$) near7 (stator\$2 bas\$3 support\$3) same (actuat\$4 microactuat\$4)	USPAT; US-PGPUB	2003/03/31 14:29		0
2	BR S	98	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3	USPAT; US-PGPUB	2003/03/31 18:22		0
3	BR S	22	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3) and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3)	USPAT; US-PGPUB	2003/03/31 14:40		0
4	BR S	13	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3) and etch\$4 and mask\$3	USPAT; US-PGPUB	2003/04/01 20:01		0
5	BR S	35	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electro\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3)	USPAT; US-PGPUB	2003/03/31 15:31		0
6	BR S	0	("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") and ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.	USPAT; US-PGPUB	2003/03/31 15:02		0

	Typets	Search Text	DBs	Time Stamp	Corr mmen ts	Er ro r De fi ni ti on	Er ro rs
7	BR S 19	"20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107"	USPAT; US-PGPUB	2003/03/31 15:02			0
8	BR S 15	("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.	USPAT; US-PGPUB	2003/03/31 15:02			0
9	BR S 34	("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.)	USPAT; US-PGPUB	2003/03/31 15:03			0

	Typ	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error
10	BR S	34	((("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196").pn.) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electrod\$2))	USPAT; US-PGPUB	2003/03/31 15:04			0
11	BR S	15 4	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4	USPAT; US-PGPUB	2003/04/01 12:36			0
12	BR S	11 9	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4) not ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3))	USPAT; US-PGPUB	2003/03/31 15:41			0
13	BR S	11 64 05	(stator\$2 base\$1 support\$3) near9 substrat\$2	USPAT; US-PGPUB	2003/03/31 15:44			0

	Typ	Hits	Search Text	DBs	Time Stamp	Comments	Errors
14	BR S	60 12	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) (stator\$2 base\$1 support\$3)) near9 (mask\$3 (layer\$1 same (etch\$4 removv\$4)))	USPAT; US-PGPUB	2003/03/31 15:54		0
15	BR S	3	((((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electro\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4) not ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electro\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3))) and ((stator\$2 base\$1 support\$3) near9 substrat\$2) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) (stator\$2 base\$1 support\$3)) near9 (mask\$3 (layer\$1 same (etch\$4 removv\$4))))	USPAT; US-PGPUB	2003/03/31 15:54		0
16	BR S	1	5388173.pn.	USPAT; US-PGPUB	2003/03/31 18:22		0
17	BR S	42	((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3	USPAT; US-PGPUB	2003/03/31 19:49		0
18	BR S	41 07 3	(stator\$1) same (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)	USPAT; US-PGPUB	2003/03/31 18:26		0
19	BR S	36 86 6	(stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)	USPAT; US-PGPUB	2003/03/31 18:26		0
20	BR S	4	((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)	USPAT; US-PGPUB	2003/03/31 19:26		0

	Typ	Hits	Search Text	DBs	Time Stamp	Comments	Errors
21	BR S	8	(((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4) not (((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4))	USPAT; US-PGPUB	2003/03/31 18:42		0
22	BR S	11	(((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4	USPAT; US-PGPUB	2003/03/31 18:37		0
23	BR S	11	(((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) not (((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)) (((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4) not (((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1	USPAT; US-PGPUB	2003/03/31 18:46		0

	Typ	Hits	Search Text	DBs	Time Stamp	Comments	Errors
24	BR S	23	((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)))	USPAT; US-PGPUB	2003/03/31 19:22		0
25	BR S	16	((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)	USPAT; US-PGPUB	2003/03/31 19:26		0
26	BR S	12	((((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)) not (((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)))	USPAT; US-PGPUB	2003/04/01 17:44		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BR S	L2	3	1 and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrod\$2)	USPAT; US-PGPU B	2003/04/01 13:30			0
2	BR S	L3	3	1 and (fabricat\$4 etch\$4 mask\$4 photoresit\$\$ photoresit\$\$ photolithograph\$4 lithograph\$4)	USPAT; US-PGPU B	2003/04/01 18:18			0
3	BR S	L4	3	2 and (fabricat\$4 etch\$4 mask\$4 photoresit\$\$ photoresit\$\$ photolithograph\$4 lithograph\$4)	USPAT; US-PGPU B	2003/04/01 13:37			0
4	BR S	L1	4	("5043043" "6362556" "6522802" "6430333").pn.	USPAT; US-PGPU B	2003/04/01 14:31			0
5	BR S	L5	1	5500761.pn.	USPAT; US-PGPU B	2003/04/01 15:07			0
6	BR S	L6	2	1 and (piezo\$9)	USPAT; US-PGPU B	2003/04/01 17:51			0
7	BR S	L7	4	1 and (actuat\$5 electrod\$3 microactuat\$5 microelectrod\$3)	USPAT; US-PGPU B	2003/04/01 18:10			0
8	BR S	L9	1	1 and (photo photoresist\$4 photolitho photoresit\$\$ photolithograph\$4)	USPAT; US-PGPU B	2003/04/01 18:15			0
9	BR S	L1 0	29	photoresit\$\$ and (photolithograph\$4 (photo adj1 lithograph\$4))	USPAT; US-PGPU B	2003/04/01 18:27			0
10	BR S	L1 1	1	10 and ((switch\$4 microswitch\$4) and (actuat\$5 microactuat\$4))	USPAT; US-PGPU B	2003/04/01 18:25			0
11	BR S	L1 2	849	((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)	USPAT; US-PGPU B	2003/04/01 18:29			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Errors
12	BR S	L1 3	233	12 and (photolithograph\$4 (photo adj1 lithograph\$4))	USPAT; US-PGPU B	2003/04/01 18:28		0
13	BR S	L1 4	170	13 and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4)))	USPAT; US-PGPU B	2003/04/01 18:29		0
14	BR S	L1 5	123	14 and (piezoelectric near1 (actuat\$5 microactuat\$4))	USPAT; US-PGPU B	2003/04/01 18:30		0
15	BR S	L1 6	42	15 and deposit\$5 and mirror\$3	USPAT; US-PGPU B	2003/04/01 18:30		0
16	BR S	L1 7	38	16 and substrat\$3	USPAT; US-PGPU B	2003/04/01 18:31		0
17	BR S	L1 8	9	385/\$.ccls. and 17	USPAT; US-PGPU B	2003/04/01 18:44		0
18	BR S	L1 9	1	1 and photoresist\$4	USPAT; US-PGPU B	2003/04/01 18:44		0
19	BR S	L2 0	0	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3) and etch\$4 and mask\$3	EPO; JPO; DERWENT	2003/04/01 20:01		0